Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ation 1 - All Even	ts					
	Military	Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	5-17-12 1154A	5-17-12 11574	<u>od</u>			
☐-Shutdown	5-17-12 958 A	5-17-12 454A	19		O O	
☐ Malfunction					Complete Se	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	6-61r			Signature:	Den Jen	

Comments: Elec. le Reflact Ovenheadnines with undonground.

0600	On 2 - Manufiction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.		П		
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.		П		
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.				
5.	Contact qualified resource: a. Record contact name, date and time; b. Contact site representative with information recorded in No. 5.a.				
6.	Start malfunction diagnosis,				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.				
8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.				
, 1	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.				
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
	If the procedures listed above were not followed, contact the site engineer immediately.				

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan **If SOP in SSM Plan was not followed, notify site engineer immediately.

FIAR'Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

⇒tion 1 – All Even	ts					
	Military	Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	571- 1247p	5.7-12 1245p	_ : /	3	D	
Shutdown			ANT 1871 ANT 1	ALL AND THE REAL PROPERTY OF THE PERSON NAMED IN COLUMN TO THE PER		
Malfunction	5-5-12 108 P	5-7-12 12929	47-6.	_3_	Complete Se	ction 2 Below
☐ Non-malfunction		***************************************		***************************************	4	
Date Form Filled Out:	6-6-12			Signature: <u>Da</u>	//	

Comments: Rife Elec. Truble short- Found Louse wines

	Uri A Marrowson Liverage City	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	B			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	8			
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.				
6.	Start malfunction diagnosis.	<u> </u>			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		B		
8.	Contact qualified resource: a. Record contact name, date and time:	B	9		
9.	Fix the malfunction.	9			
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	D			
,	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	₽ P			
. 1	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	Q .			
13.	If the procedures listed above were not followed, contact the site engineer immediately.		G		

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

-fion 1 – All Even	ts					
	Militan	/ Time			SOP*	Followed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	i	No**
Startup	3512 1042A.	5-5-12 1045A	. /	3_	G	
Shutdown				-		
Malfunction	5-4-12 1038p	5-5-12 1042A	12.1	_3	Complete S	Section 2 Below
□ Non-maifunction	April - Laboration					
Date Form Filled Out:	6-6-12			Signature:	Duy Ju	

Comments:

Aux Contact Fact.

	Check one of the f	ollowing for each step:
Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	G-	
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consultant or other) are needed for malfunction diagnosis.		
Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.	HA .	₽
		THE STATE OF THE S
Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).	QAA	Ð
Contact qualified resource: a. Record contact name, date and time:		9
Fix the malfunction.		
Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	D D	
Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	đ	
Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	<u> </u>	
If the procedures listed above were not followed, contact the site engineer immediately.		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3. Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3. If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe): Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6. Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a. Start malfunction diagnosis. Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9. Contact qualified resource: a. Record contact name, date and time: Fix the malfunction. Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form. Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form. Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file. If the procedures listed above were not followed, contact the site engineer	Corrective Action Procedures for All Malfunctions Determine if the malfunction causing an unsafe operating condition (air entering landfill or plping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3. Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3. If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe): Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6. Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a. Start malfunction diagnosis. Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9. Contact qualified resource: a. Record contact name, date and time: Fix the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form. Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form. Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.

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F/ARE. Startup / Shutdown / Maifunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

tion 1 - All Even	ts	<u> </u>				<u></u>
	Military	Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	i	No**
-Startup	5-4-12 746A	5-4-1- 749A,	_ , /	3_		
Shutdown						
Malfunction	5-4-12 622p	5-4-12 746A	1.4	_3	Complete Se	ction 2 Below
☐ Non-malfunction	**************************************					
Date Form Filled Out:	661			Signature:	Day Jen	

Comments: Aux Contact FAult.

Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3. Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3. If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower	Procedure Not Applicable
entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3. Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3. If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower	
Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3. If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower	
stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower	
f. Other (Describe):	
Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	
Contact qualified resource: 5. a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.	
6. Start malfunction diagnosis.	
Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	
8. Contact qualified resource: a. Record contact name, date and time:	B
9. Fix the malfunction.	
Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	
Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	
. Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	
13. If the procedures listed above were not followed, contact the site engineer immediately.	

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

rtion 1 - All Even			T		CODE F	T = (1
	Military	Time			SOP" F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
☐-Startup	5-3-12 632 p	5-3-12 635A	<u>,1</u>	_3		
Shutdown	E	- Park Andrews Company of the Compan				
Malfunction	9-212 7220	5-3-12	11.2	_3	Complete Se	ection 2 Below
☐ Non-malfunction	***************************************	-				
Date Form Filled Out:	66-12	1777		Signature:/	Dong Jean	
Comments: 5u	Ap AUX Car	tactuines	To spane Co	whit.		

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Section 2 - Malfunction Events Only

		Check one of the following for each step:		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable	
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	B		
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Ð	Ó	
5.	Contact qualified resource: a. Record contact name, date and time; b. Contact site representative with information recorded in No. 5.a.		O	
6.	Start malfunction diagnosis.	<u> </u>		
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	e e		
8.	Contact qualified resource: a. Record contact name, date and time:		0	
9.	Fix the malfunction.			
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	D D		
•	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	8		
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	<u> </u>		
13.	If the procedures listed above were not followed, contact the site engineer immediately.			

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

-tion 1 - All Even	ts					
	Military	Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
☐-Startup	5-212 116A	J.212 719A	<u>,,1</u>	3		
Shutdown						
Malfunction	5-1-12 732	5-2-12 716,	11.7	_3	Complete Se	ction 2 Below
Non-malfunction						
Date Form Filled Out:	6-6-12			Signature: 💋	my year	

Comments: Aux Contact FAUlt.

*Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan **If SOP in SSM Plan was not followed, notify site engineer immediately.

Section	on 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	2			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	8			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.				
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		B-		
6.	Start malfunction diagnosis.	ا ا			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	B*			
8.	Contact qualified resource: a. Record contact name, date and time:		8		
9.	Fix the malfunction.	9			
О.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	P			
$\overline{}$	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	g			
<u>.</u>	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	<u> </u>			
	If the procedures listed above were not followed, contact the site engineer immediately.		9		

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ntion 1 - All Even	Military Time		***************************************		SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
☐-Startup	4-30-12 754A	4-301 7574		_3	9	
Shutdown	water of the first		<u> </u>			
Malfunction	4-29-12 53+P	4-30-12. 754A	14.3	_3_	Complete Se	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	5312			Signature: <u>Dc</u>	y Yem	

Comments:

ALX. bloner fault.

		Check one of the following for each step:		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable	
A CONTRACTOR OF THE CONTRACTOR	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø		
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4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	8	О	
5.	Contact qualified resource: a. Record contact name, date and time; b. Contact site representative with information recorded in No. 5.a.			
6.	Start malfunction diagnosis.	田		
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		D	
8.	Contact qualified resource: a. Record contact name, date and time:		a	
9.	Fix the malfunction.	G- I		
٥.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	<u> </u>		
1	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	Ø		
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	<u> </u>		
13.	If the procedures listed above were not followed, contact the site engineer immediately.		B'	

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FLARE

Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

otion 1 - All Even	Military Time				SOP* Fo	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
⊡ Startup	9-27-12 902A	4-27-12 9054	l_	3	9	
Shutdown						
Malfunction	4-26-12 3320	4-27-12 902A	17.5	_3	Complete Se	ction 2 Below
☐ Non-malfunction		***************************************				
Date Form Filled Out:	53012			Signature:	an Jean	
		_		-		

Comments:

Aux. blower fault.

Jecu	on 2 - Marrunction Events Only	Check one of the f	following for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	9	
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	a	
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	9	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		
6.	Start malfunction diagnosis.	9	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	B	
8.	Contact qualified resource: a. Record contact name, date and time:		B
9.	Fix the malfunction.		
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	J-	
, !	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	<u> </u>	
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.		
13.	If the procedures listed above were not followed, contact the site engineer immediately.		B

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Clare - Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

-tion 1 - All Even	Militan	Time		I	SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	4-2612 2009	4-26-12- 2039	.1	3_		
Shutdown	44-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4-4		- Leave -			
Malfunction	4-26-12 100	4-26-12 2000		3_	Complete Sec	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	\$3-12.		and the second	Signature:	y Jew	-

Comments:

Aux. blumen fault

Secu	On Z — Matituriction Events Only	Check one of the f	ollowing for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø	
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.		
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	B'	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		9
6.	Start malfunction diagnosis.	一 日	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	8	
8.	Contact qualified resource: a. Record contact name, date and time:		8
9.	Fix the malfunction.		
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	<u></u>	
, 1	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	P	
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	<u> </u>	
13.	If the procedures listed above were not followed, contact the site engineer immediately.		<u></u>

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

tion 1 – All Even	Military	Time			SOP* F	SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**	
Startup	4-2-12 424 P	4-12-12-427	14_				
Shutdown	4-2-12 1044	4-2-12-424p	5.7		8		
☐ Malfunction			***************************************		Complete Se	ction 2 Below	
☐ Non-malfunction							
Date Form Filled Out:	4-9-12			Signature: 🔥	Day Spen		

Comments: Fix Flex hosE MW20

Cecin	Off 2 — letationiction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.				
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.				
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
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6.	Start malfunction diagnosis.				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.				
8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.				
1	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.				
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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ntion 1 – All Even	ts					
	Military	Time			SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
☐-8fartup	4-2-12 838A	4-2-12 90/4		2_		
Shutdown						
☑ Malfunction	4-1-12 1030A.	4212 858A	22,5	2_	Complete Se	ction 2 Below
☐ Non-malfunction	Major de de la companie de la compa				24 to 16 to	
Date Form Filled Out:	4-9-12			Signature:	Deg Jen.	

Comments: Fley host off. Muzo

Didn't Knwitus off.

		Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	Ø			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	3			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
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5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		Ø		
6.	Start malfunction diagnosis.				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	B			
8.	Contact qualified resource: a. Record contact name, date and time:	П	G-		
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.				
	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	四			
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.		<u> </u>		
	If the procedures listed above were not followed, contact the site engineer immediately.				

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

otion 1 – All Even	Military	Time		ļ	SOP* F	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	4-1-12- 8147	4-1-12 817A		2_	9	
Shutdown	Marketter (French French Frenc	annulin Montanian	## ***			
Malfunction	3-31-12 to4p	#-1-12- 814A	19.2	2	Complete Se	ection 2 Below
Non-malfunction						
Date Form Filled Out:	49-12-			Signature:	as year	
- 1	1 11			•		

Comments: Fley bost off Ma 20 Didn't Known't.

	on 2 – Malfunction Events Only	Check one of the f	ollowing for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	E ·	
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	ď	
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	Ð	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		B
6.	Start malfunction diagnosis.	9	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		
8.	Contact qualified resource: a. Record contact name, date and time:		9
	Fix the malfunction.		
U.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	B,	
.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.		
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	<u> </u>	
	If the procedures listed above were not followed, contact the site engineer immediately.		0

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Flane Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

tion 1 – All Event	ts				·	
ł	Military	Time			SOP* Fo	sllowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	2-25-1- 5400	2-25-14 5430				
Shutdown	2-25-12 800A	2-25-12-5400	9.7	4	2	
☐ Malfunction					Complete Sec	ction 2 Below
☐ Non-malfunction					t production of the second	
Date Form Filled Out:	3-5-12			Signature:	on year	
Comments: //	101	2. Utilit	rest.	·	ν	

Comments: Shit Dan. for Utility 1851.

0004	3) 2 - Marioriction Events Only	Check one of the following for each step:		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable	
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	О		
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.			
3 .	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.			
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.			
6.	Start malfunction diagnosis.			
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8.	Contact qualified resource: a. Record contact name, date and time:			
9.	Fix the malfunction.			
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1	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.			
- 1	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.			
13.	If the procedures listed above were not followed, contact the site engineer immediately.			

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

tion 1 – All Even				1	COD# E-	Marke 40
	Military	Time			SOP* Fo	Howed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	2-22-12 1018A	2-22-12	- 1	4.7	9	
Shutdown	2-15-A		AP-100-LT.			
Malfunction	222/2 852A	2-22-12-10189	1.4	17	Complete Sec	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	35-12			Signature:	Jen	
Comments: Ut.	tity Sun	b£.		<i>2</i>		

Secuc	on 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	e e			
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3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):	Ō			
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	2			
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		₽		
6.	Start malfunction diagnosis.	1			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	D/			
8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.	<u> </u>			
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.		П		
	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.				
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
	If the procedures listed above were not followed, contact the site engineer immediately.		a		

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 - All Ever	its					
1	Military	Time			SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	22012 706A	2-20-12 709A		17	<u>-</u>	
Shutdown			Mr. residence			
Malfunction	2201-332A.	2-20-12 706A-	3.6	17	Complete Se	ction 2 Below
□ Non-malfunction						
Date Form Filled Out:	3-1-12.			Signature:	Dug Yer	
Comments: U-	tility Pon	ien Sunt-E				

		Check one of the following for each step:		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable	
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	D		
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	6		
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		a	
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	9		
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		9	
6.	Start malfunction diagnosis.	9		
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	D-		
8.	Contact qualified resource: a. Record contact name, date and time:		9	
9.	Fix the malfunction.	라		
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	or I		
•	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.			
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.			
13	If the procedures listed above were not followed, contact the site engineer immediately.		0	

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

:tion 1 – All Even				T	0051 F	4. 10
	Military	Time			SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	2-18-1- 2161	2/8-1-2/9/	_/_	-17-		
Shutdown				-		О
Malfunction	2-18-12 822 A.	2-18-12	5.9	17	Complete Se	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out:	3-5-12	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		Signature:	y year	
Comments: U+7	tity Sunge	Stat I	Power.			

Secur	on 2 — Mairunction Events Uniy	Check one of the f	one of the following for each step:		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
***************************************	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	<u>a</u>			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	Ø			
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5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		₽		
6.	Start malfunction diagnosis.				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.		D		
8.	Contact qualified resource: a. Record contact name, date and time:		B		
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	9			
4	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.				
	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
	If the procedures listed above were not followed, contact the site engineer immediately.		9		

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Startup / Shutdown / Malfunction Report Form

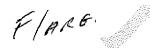
Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 – All Even	ts Military	Time			SOP* Fo	SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**	
Startup	216-12 2061	2-16-1-2098	1	17			
Shutdown	Manager 1		AND				
☑ Malfunction	2-16-12- 1080	2-16-12 20lp	1.0	17	Complete Sec	tion 2 Below	
☐ Non-malfunction							
Date Form Filled Out:	3-512-	11212		Signature:	Jes gle-		

Comments: Utstity Sunge

Jerut	n 2 – Malfunction Events Only	Check one of the f	ollowing for each step:
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
-	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	D	
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	1	
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		
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5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		8
6.	Start malfunction diagnosis.		
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8.	Contact qualified resource: a. Record contact name, date and time:		a a
9.	Fix the malfunction.		
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	9	
1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.		
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.	U	
13.	If the procedures listed above were not followed, contact the site engineer immediately.		

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

tion 1 - All Events SOP* Followed? Military Time Event Code No** Yes Duration (hours) (see back of Date/Time End Type of Event Date/Time Start form) Startup Shutdown Malfunction 93.2 Complete Section 2 Below ☐ Non-malfunction Date Form Filled Out: 3 Signature: lity Touth Sungt. bunned up Sunb E Pretentins Comments:

Secuo	n 2 – Malfunction Events Only	Check one of the f	ollowing for each step.
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	a	
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3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):		
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	a	
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		è
6.	Start malfunction diagnosis.	G G	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	B	
8.	Contact qualified resource: a. Record contact name, date and time:		ď
9.	Fix the malfunction.	E	
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	0	П
1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	9/	<u> </u>
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.		
13.	If the procedures listed above were not followed, contact the site engineer immediately.		<u> </u>

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 - All Events SOP* Followed? Military Time Event Code No** Yes (see back of Duration (hours) Type of Event Date/Time End Date/Time Start form) Startup P 17_ Shutdown Malfunction Complete Section 2 Below ☐ Non-malfunction Date Form Filled Out: 2-3-/ Signature:

Comments: Tower singe -

Sectio	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
٠	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	8			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	e e	П		
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.	8	О		
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.		9		
6.	Start malfunction diagnosis.	B-			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	0			
8.	Contact qualified resource: a. Record contact name, date and time:		đ		
9.	Fix the malfunction.	<u> </u>			
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.	B"			
1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	마			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
13.	If the procedures listed above were not followed, contact the site engineer immediately.				

^{*}Standard Operating Procedure (SOP) for Flare Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan **If SOP in SSM Plan was not followed, notify site engineer immediately.

Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 - All Even						
	Military	Time			SOP* Fo	ollowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	1-17-12 546	1-17-12 545		17_		
Shutdown						
Malfunction	1-17-12 212A.	1-17-12-8424	6,5	17	Complete Se	ction 2 Below
☐ Non-malfunction				<u></u>		
Date Form Filled Out:	2-3-12			Signature:	Day Hen	
Comments: Pro	er SunbE				,	

Section 2 - Malfunction Events Only

Comments:

Ocono	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
-	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.				
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.				
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5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.				
6.	Start malfunction diagnosis.	<u> </u>			
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.	<u> </u>			
8.	Contact qualified resource: a. Record contact name, date and time:		B		
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.				
,,	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	9			
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.		<u> </u>		
	If the procedures listed above were not followed, contact the site engineer immediately.		B		

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 – All Event	S			······································		
	Military	Time			SOP* Fo	Nowed?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	5-24-1- 10009	5.24/2- 1000A.	1	99	8	
Shutdown	4-5-12 2308		11715.00	99.	8	
☐ Malfunction				**************************************	Complete Se	ction 2 Below
☐ Non-malfunction			Autorities			
Date Form Filled Out:	4-5-12 jall		(i) (i) (ii)	Signature:	Les yes	
Comments:	ective Anei	A				

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otion 2 - Malfunction Events Only

Section	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.				
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.				
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
4.	Determine if other personnel/resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6.				
5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.				
6.	Start malfunction diagnosis.				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.				
8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.				
1.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.				
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
13.	If the procedures listed above were not followed, contact the site engineer immediately.				

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 – All Event				<u> </u>	SOP* Fo	llowod?
	Military	Time			SUP FO	noweu?
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	5-24-12 110m	5-241- 1107		99	D/	
Shutdown	4-4-12 1000	5-241- 1100	1199	99		<u> </u>
☐ Malfunction		A December 1981			Complete Sec	tion 2 Below
Non-malfunction						
Date Form Filled Out:	4-412	in the same		Signature: _/u	In Je	

Comments: Active AnEA.

Secuo	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	П			
2.	Determine if landfill gas being released to the air (can you smell landfill gas, or measure/detect uncombusted gas flow?). If landfill gas is being released, follow steps under No. 3.	О			
3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
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5.	Contact qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in No. 5.a.				
6.	Start malfunction diagnosis.				
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.				
8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.				
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13.	If the procedures listed above were not followed, contact the site engineer immediately.				

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 - All Even	Military Time			1	SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
C-Startup	4-12-1- 1000x	4-12-12	<u>/</u>	99	1	
Shutdown	3-12-12-1400	412-12 100%	740.	99	9	
		***************************************			Complete Se	ction 2 Below
☐ Non-malfunction			44			
Date Form Filled Out:	312/2	11.40-		Signature:	un yen	
				- inc		

Active Area.

Secuo	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.				
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6.	Start malfunction diagnosis.				
7,	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9.				
8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.				
0.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.				
	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.		<u> </u>		
12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.				
13.	If the procedures listed above were not followed, contact the site engineer immediately.				

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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 - All Even	Military Time			I	SOP* Followed?		
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)		No**	
Startup	4-14- 80%	4-12-12-800		9	G G		
Shutdown	3-9-10 900	412-12 80 A.	879	99			
☐ Malfunction			AMERICAN CANADA		Complete Sec	ction 2 Below	
☐ Non-malfunction						A supple see	
Date Form Filled Out:	3.910.		FMI	Signature:	Day Je-		

Comments: Active ARCA -

Section	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.	П			
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3.	If unsafe operating condition exists, or landfill gas is being released to the air, stop (if possible) landfill gas flow by one or more of the following: a. Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e., duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):				
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6.	Start malfunction diagnosis.				
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8.	Contact qualified resource: a. Record contact name, date and time:				
9.	Fix the malfunction.				
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12.	Sign this form, copy it, and place it in the Startup Shutdown, Malfunction file.		<u> </u>		
13.	If the procedures listed above were not followed, contact the site engineer immediately.				

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MW 09.

Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

ction 1 – All Event	Military Time			***	SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup	3-12-12 1200	3-12-1203	1	99	I	
☑ Shutdown	2-2-12	3-12-12	455 hps	99.	a	
☐ Malfunction					Complete Sec	tion 2 Below
☐ Non-malfunction	***************************************				3.5	
Date Form Filled Out:	2-22-12/2			Signature:	ng fr	

Comments:

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Secuo	n 2 – Malfunction Events Only	Check one of the following for each step:			
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable		
	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.				
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Startup / Shutdown / Malfunction Report Form

Site Name: Cottonwood Hills Recycling and Disposal Facility

-tion 1 - All Even	ts Military Time			1	SOP* Followed?	
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Code (see back of form)	Yes	No**
Startup						
Shutdown	G-28-12 100			99		
☐ Malfunction					Complete Se	ction 2 Below
☐ Non-malfunction						
Date Form Filled Out	9.28-12	ica projekt		Signature:	tuy Jen-	-

Comments: Active AREA

Secur	on 2 - Maltunction Events Uniy	Check one of the following for each step:		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable	
and the same of th	Determine if the malfunction causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment. If conditions are unsafe, notify your supervisor and follow steps under No. 3.			
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U.	Once the malfunction is fixed, restart the system per SOP if it had been shut down, and record startup times and dates on this form.			
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